

Project Proposal

Proposal Title: Buckskin Mountain Water Development

Proposal Number: 1460

DWR Region: Southern Region

Lead Agency: DWR

County: Kane

Project Manager: Dustin Schaible

PM Phone: 4358656113

Regional Priority: Within Focus Area

Project Type: Miscellaneous

Proposed Start Date: 7/1/2009

Project Location: East of Kanab and south of US 89 on the Buckskin Mtn Range

Project Description: Install up to 4 80,000 gallon water catchment/guzzlers increasing water distribution in critical mule deer winter range.

Description of Problem/Need: Water is a limiting factor across winter range on the Buckskin Mountain for the premium limited entry Paunsagaunt deer herd. Currently, few reliable sources of water exist on traditional mule deer winter range south of US 89. In addition, habitat adjacent to available water has been degraded as a result of prolonged drought and over utilization by livestock and wildlife. Range conditions appear to improve as distance from water increases. Increasing water distribution and reliability can help more evenly distribute wildlife and livestock use and thereby alleviate the pressure on the adjacent habitat.

Objectives: Increase water distribution and reliability along the mule deer winter range and thereby alleviate the pressure on existing water sites. Distribute both wildlife and livestock more evenly across the range relieving stress that high concentrations of animals can place on the habitat.

Relevance to Strategic Plans: Project will benefit mule deer which are identified as a Tier III species in the WAP.
GSENM Rangeland Health EIS addresses need for additional water sources on the Buckskin allotments.

Potential Risks: Habitat degradation may occur near new water sites if several new sites are not completed (i.e. several water sites are needed rather than just one or two.)

Proposed Methods: GSENM staff in conjunction with livestock permittees would conduct initial site preparation including any tree clearing and rough grading needed. UDWR would purchase needed materials and contract the installation of up to 4 water catchments. UDWR and GSENM would work together in administering and overseeing the installation of the catchments.

Shapefile Name: S:/DWR/HPD-2010/GIS Shape Files/1460.shp

Seed Source:

UPCD Reg Team Coord Date:

Proposed NEPA Action:

Proposed Arch Action:

☐ **Vegetation Monitoring** ☒ **Wildlife Monitoring**

Monitoring Information: UDWR district biologist will conduct annual inspections to ensure functionality of the new guzzlers and the degree of mule deer use.

Grazing Management:

SPECIES BENEFITING

Mule Deer

Townsend's Big-eared Bat

Spotted Bat

Fringed Myotis

Big Free-tailed Bat

LAND OWNERSHIP

Owner	Acres
BLM	8
Total	8

Monday, March 16, 2009 2:24:16 PM

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PROPOSED FUNDING

Source	Amount Requested	Date Approved	Amount Approved
Unfunded Balance	\$243,800.00		\$0.00
BLM	\$1,200.00		\$1,200.00
Private	\$10,000.00		\$10,000.00
GIP	\$50,000.00		\$0.00
Totals	\$305,000.00		\$11,200.00

PROPOSED BUDGET

Item	Description	DWR Account	Partner Contrib.
Materials and Supplies	HDPE Apron X 4	\$76,000.00	\$0.00
Materials and Supplies	80,000 gallon tank and lid X 4	\$50,000.00	\$50,000.00
Materials and Supplies	Plumbing (Pipe, fittings, troughs) X 4	\$13,800.00	\$1,200.00
Materials and Supplies	Concrete, Fence, and Wildlife Drinkers X 4	\$32,000.00	\$0.00
Other	In Kind Labor site prep (Permittee, DH, agency)	\$0.00	\$10,000.00
Contractual Services	Contract to install catchments X 4	\$60,000.00	\$0.00
Motor Pool	Truck mileage to plan and oversee construction	\$3,500.00	\$0.00
Personal Services	Seasonal labor (contract oversight and labor)	\$3,500.00	\$0.00
Other	Unanticipated expenses	\$5,000.00	\$0.00
		\$0.00	\$0.00
		\$0.00	\$0.00
	Totals	\$243,800.00	\$61,200.00

Project Map:

